

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	(dft and idft) near3 zero\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 12:00
L2	0	1 and (zero\$1 near3 center)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 11:10
L3	3	1 and (zero\$1 near3 (center or middle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 11:28
L4	3	"128062".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 11:29
L5	5	"128062".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 11:29
L6	1	(dft and idft) near3 ((center or central) adj2 (frequency or carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/04 12:00
S1	2	dartois-luc.in. and (dft and idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:12
S2	4	alcatel.as. and (dft and idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/03 08:45
S3	10	length near (dft and idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/15 07:08

## EAST Search History

S75	1	(nyquist) and (length near3 (dft and idft)) or (ldft and lidft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:31
S76	0	(nyquist) and ((length near3 (dft and idft)) or (ldft and lidft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:30
S77	4	(oversampl\$3 or (over-sampl\$3)) and ((length near3 (dft and idft)) or (ldft and lidft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:28
S78	102	375/316.ccls. and (oversampl\$3 or (over-sampl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:30
S79	1	S78 and ((length near3 (dft and idft)) or (ldft and lidft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:31
S80	157	(oversampl\$3 or (over-sampl\$3) or nyquist) and ((dft and idft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 09:07
S81	4	S80 and ((length near3 (dft and idft)) or (ldft and lidft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:32
S82	29	370/210-328.ccls. and ((oversampl\$3 or (over-sampl\$3) or nyquist) and ((dft and idft)) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:32
S83	1	S82 and ((length near3 (dft and idft)) or (ldft and lidft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 08:44
S84	1	("6611855".pn. "6798850".pn. "6266687".pn.) and (oversampl\$3 or (over-sampl\$3) or nyquist)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:44

## EAST Search History

S95	0	(oversampl\$3 or (over-sampl\$3)) near3 (transform\$3 adj2 length\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:49
S96	0	(oversampl\$3 or (over-sampl\$3) or nyquist) near3 (transform\$3 adj2 length\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:32
S97	1	(oversampl\$3 or (over-sampl\$3) or nyquist) near3 (transform\$3 adj2 (length\$1 or size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:45
S98	0	S97 and dft and idft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:33
S99	103	(select\$3 or choos\$3 or chosen or pick\$3) near3 (transform\$3 adj2 (length\$1 or size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:46
S10 0	6	S99 and ((fft and ifft) or (dft and idft))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:48
S10 1	0	S100 and ((oversampl\$3 or (over-sampl\$3)) near3 filter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 10:49
S10 2	2	dartois-luc.in. and (dft and idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 11:06
S10 3	0	S102 and (oversampl\$3 near3 filter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/06 11:06
S10 4	2	dartois-luc.in. and ((dft and idft) and oversampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:13

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S10 5	4	375/316.ccls. and ((dft and idft) and oversampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:13
S10 6	79	((dft and idft) and oversampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:14
S10 7	3	S106 and (input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:16
S10 8	0	PCT/SE99/00971.pct.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:17
S10 9	84	"19990604".ptad.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:17
S11 0	0	S109 and Hellberg-Richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 12:17
S11 1	0	S109 and hellberg-richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:03
S11 2	0	("6247035".pn. "6611855".pn. "6266687".pn.) and ((input near3 (sampl\$3 adj2 frequency)) near3 modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:04
S11 3	0	("6247035".pn. "6611855".pn. "6266687".pn.) and (((sampl\$3 adj2 frequency)) near3 modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:05
S11 4	3	("6247035".pn. "6611855".pn. "6266687".pn.) and (((sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:08

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S11 5	0	("6247035".pn. "6611855".pn. "6266687".pn.) and (((sampl\$3 adj2 frequency)) near3 modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:07
S11 6	0	"6247035".pn. and (oversampl\$3 same (input near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:10
S11 7	0	"6247035".pn. and ((input near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:09
S11 8	164	(oversampl\$3 same (input near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:10
S11 9	62	(oversampl\$3 same (input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:12
S12 0	1	S119 and ((input near3 (sampl\$3 adj2 frequency)) near3 modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:11
S12 1	22	((oversampl\$3 or upsampl\$3) near3 (input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 15:12
S12 2	6	((oversampl\$3 or upsampl\$3) near3 ((input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:06
S12 3	3	((oversampl\$3 or upsampl\$3) near3 ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:02
S12 4	0	((oversampl\$3 or upsampl\$3) adj2 ratio) near3 ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:03

## EAST Search History

S12 5	2	((oversampl\$3 or upsampl\$3) adj2 ratio) same ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:29
S12 6	0	S125 and (dft or idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:05
S12 7	13	length near3 (dft same idft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:11
S12 8	1	S127 and ((oversampl\$3 or upsampl\$3) near3 ((input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:13
S12 9	3	S127 and (oversampl\$3 or upsampl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:07
S13 0	3	S127 and ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:15
S13 1	1	S127 and ((oversampl\$3 or upsampl\$3) adj2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:14
S13 2	1	(dft and idft) same ((oversampl\$3 or upsampl\$3) adj2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:15
S13 3	829	((oversampl\$3 or upsampl\$3) adj2 factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:15
S13 4	0	S133 and (factor near3 ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:16

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S13 5	266	((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:16
S13 6	5	S135 and (idft and dft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:30
S13 7	44	((oversampl\$3 or upsampl\$3) ) same ((input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:24
S13 8	159	((oversampl\$3 or interpolat\$3) ) same ((input near3 (sampl\$3 adj2 frequency)) and (output near3 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:42
S13 9	3	S138 and (idft and dft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:25
S14 0	16	S138 and (fourier adj2 transform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:25
S14 1	8	((oversampl\$3 or interpolat\$3) adj2 ratio) same ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:43
S14 2	0	S141 and (idft and dft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:30
S14 3	0	"6247035".pn. and ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:43
S14 4	0	("6611855".pn. "6798850".pn. "6266687".pn.) and ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 16:44

## EAST Search History

S14 5	5	idft and dft and ((input adj2 (sampl\$3 adj2 frequency)) and (output adj2 (sampl\$3 adj2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 17:37
S14 6	2	"6324559".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 17:38
S14 7	2	"6266687".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 17:38